

LED Test Report

Product Mark

Product Type : OR27s-F52-1208F2-W5

Manufacturer : -

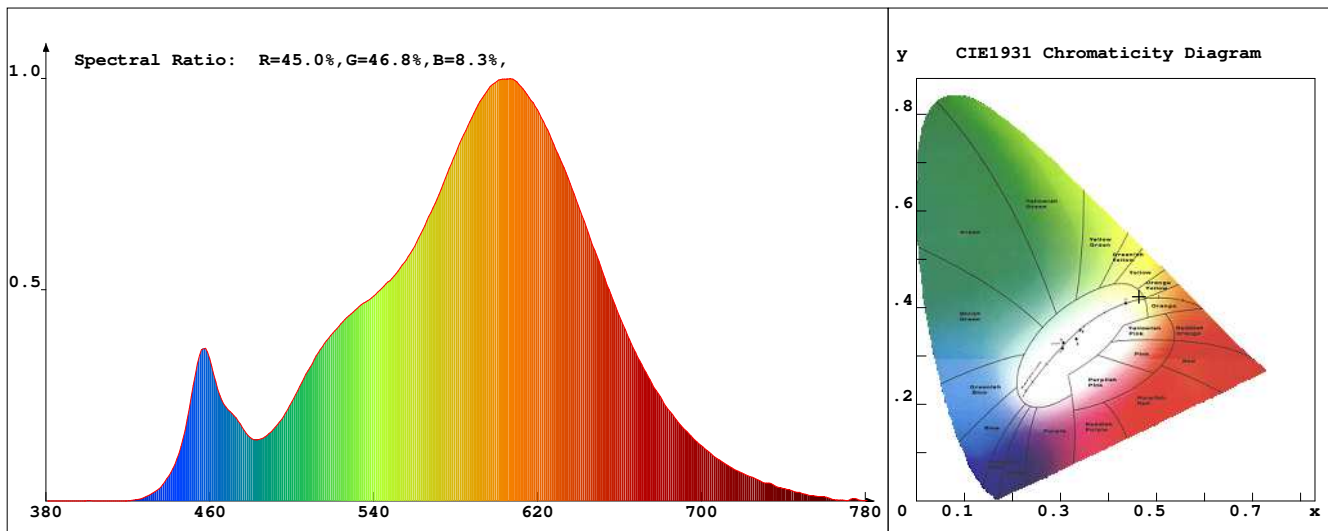
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.: $x=0.4639$ $y=0.4231$ $u=0.2596$ $v=0.3551$ $duv=0.0042$

CCT: 2740K Dominant Wave.: 582.7nm Purity: 66.3% Centre Wave: 598.1nm

Flux RGB Ratio: R=23.3%, G=75.4%, B=1.3% Peak Wave: 601.8nm Half Width: 111.0nm

Rendering Index: Ra= 79.9 CRI= 77.1

R1 =78 R2 =90 R3 =96 R4 =77 R5 =77 R6 =88 R7 =81 R8 =53

R9 =-6 R10=77 R11=76 R12=65 R13=81 R14=99 R15=68

PPF: 12.491 $\mu\text{mol/s}$ (400-700nm)

PRF: 2.6mW (400-700nm)

PAR: 2.3mW (400-700nm)

Photo Parameters

Flux: 965.18lm Effi.: 112.4lm/W Radiant: 2620.4mW Iv: 0.0mcd

Scotopic Flux: 1150.4Plm Effi.: 0.0Plm/W S/P: 1.2

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 12860.700 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: If=362.0mA

Reverse Voltage: Vr=5.00V

Forward Voltage: Vf=23.72V

Reverse Current: Ir=0.00uA

Power: P=8.601W

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 168.150ms

VPeak: 14552

VDark: 1272

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

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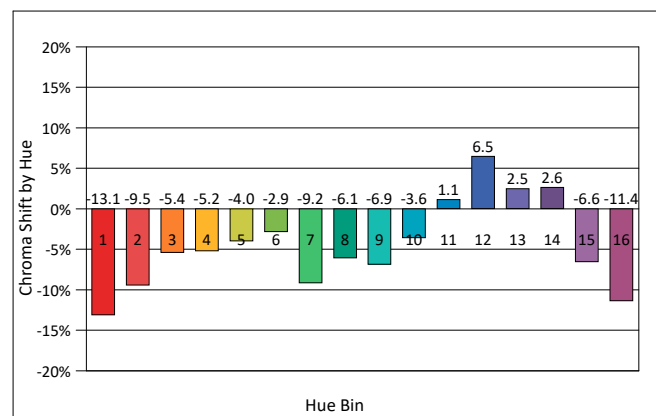
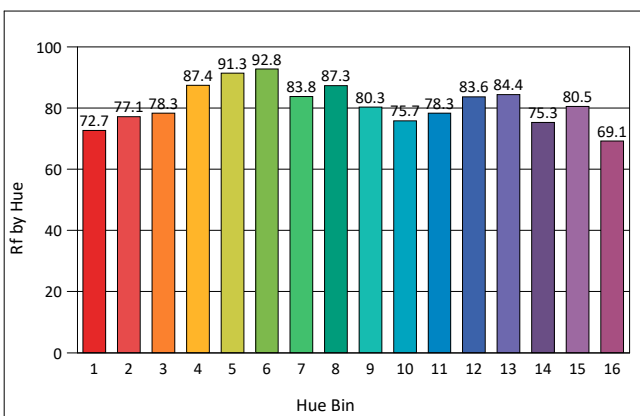
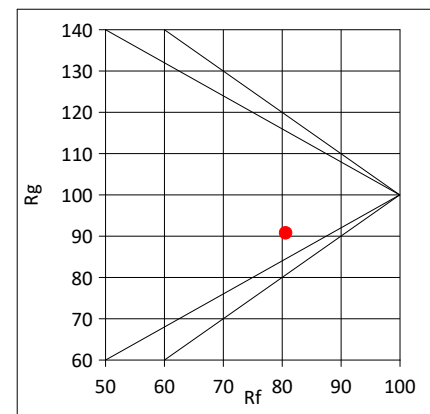
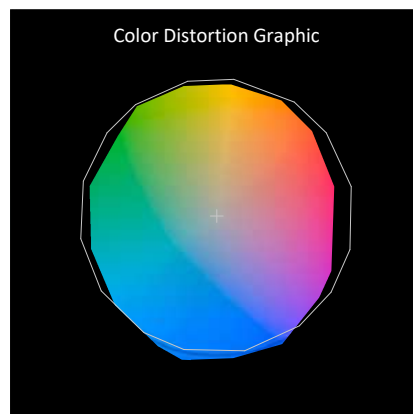
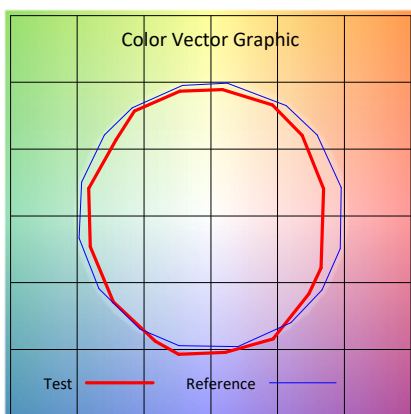
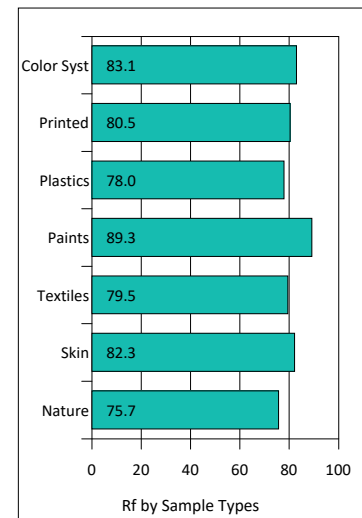
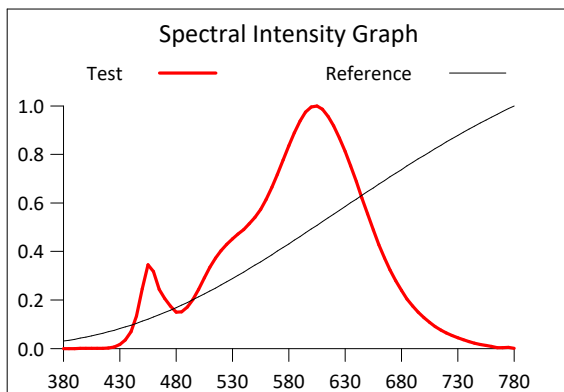
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Rf: 80.6 CCT(K): 2740 u': 0.2596
Rg: 90.7 LER: 344.2 Duv: 0.0042 v': 0.3551

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	72.7	-13.1%	1.5%
2	77.1	-9.5%	6.2%
3	78.3	-5.4%	8.7%
4	87.4	-5.2%	2.7%
5	91.3	-4.0%	2.9%
6	92.8	-2.9%	-0.2%
7	83.8	-9.2%	-2.4%
8	87.3	-6.1%	3.7%
9	80.3	-6.9%	8.0%
10	75.7	-3.6%	14.1%
11	78.3	1.1%	14.5%
12	83.6	6.5%	1.0%
13	84.4	2.5%	-10.1%
14	75.3	2.6%	-17.8%
15	80.5	-6.6%	-7.8%
16	69.1	-11.4%	-16.9%



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